

2634



Serial No. 09/784846

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s): **Julio Antonio Garceran**  
**Walter Joseph Kaminski**  
**Arild Kolsrud**

Case: 2-12-20

Serial No.: 09/784846

Group Art Unit: 2681

Filing Date: February 16, 2001

Examiner:

Title: Digital Transmitter System And Method

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D. C. 20231

RECEIVED

APR 16 2002

Technology Center 2600


SIR:

ATTENTION: Patent Office Draftsperson

Transmitted herewith are eight (8) sheets of formal drawings to be substituted for the informal drawings initially filed in the above-identified application for patent.

No Additional fee is required. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Respectfully,

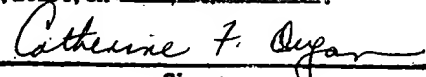
By   
Julio A. Garceran, Reg. No. 37,138  
Attorney for Applicants  
(973) 386-2286

Att: 8 Sheet(s) formal drawings

Date: 4/1/02

Lucent Technologies Inc.  
101 Crawfords Corner Road (3J-219)  
Holmdel, New Jersey 07733

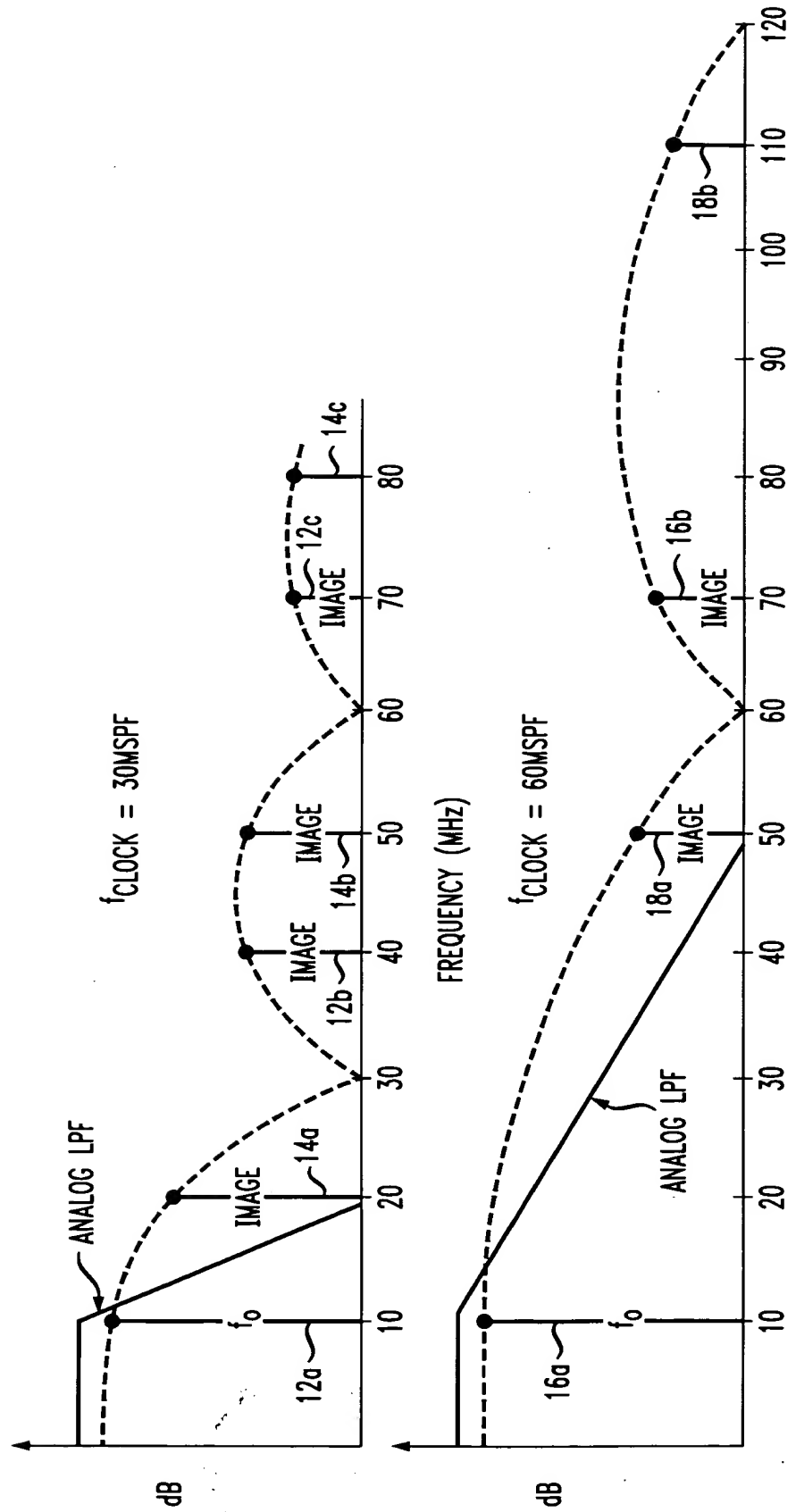
I hereby certify that this correspondence is being deposited with the United States Postal Service in first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC, 20231, on 4/2/02.

  
Signature

April 2, 2002  
Date of Signature

FIG. 1

ANALOG FILTER REQUIREMENTS FOR  $f_o = 10\text{MHz}$ :  
 $f_c = 30\text{MSPS}$  AND  $f_c = 60\text{MSPS}$



2/8

FIG. 2a

20

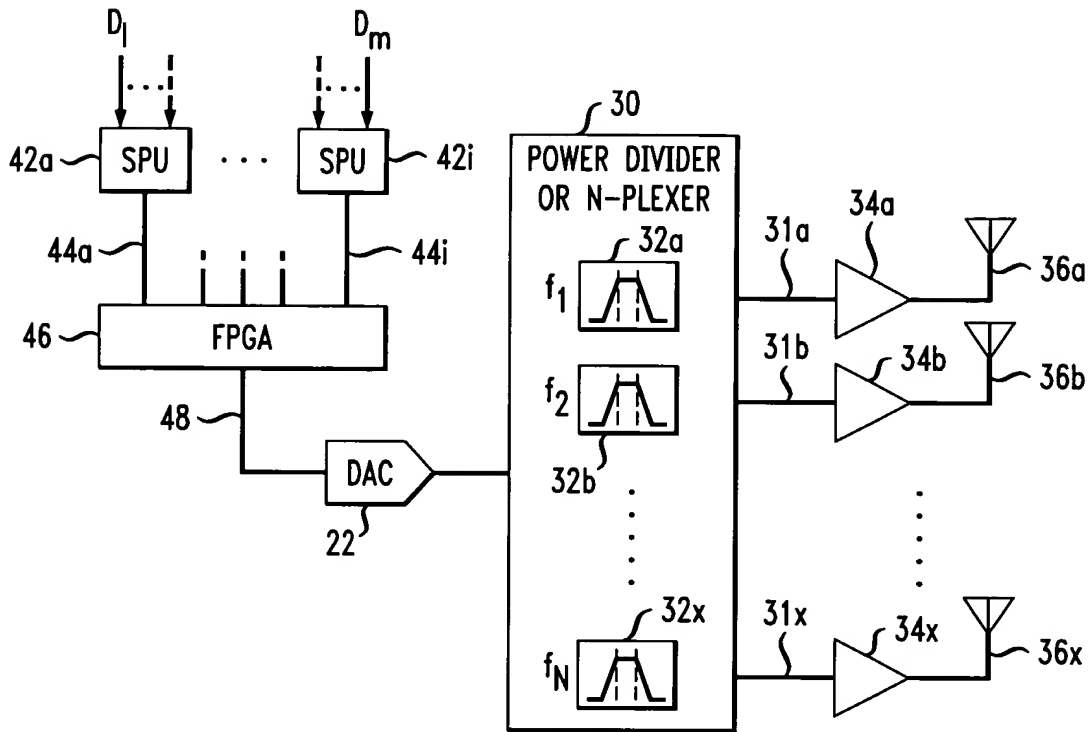
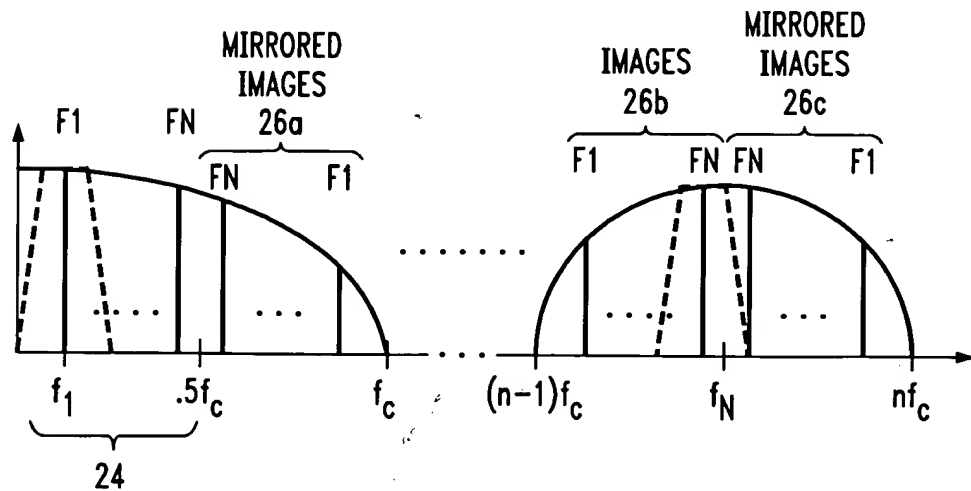


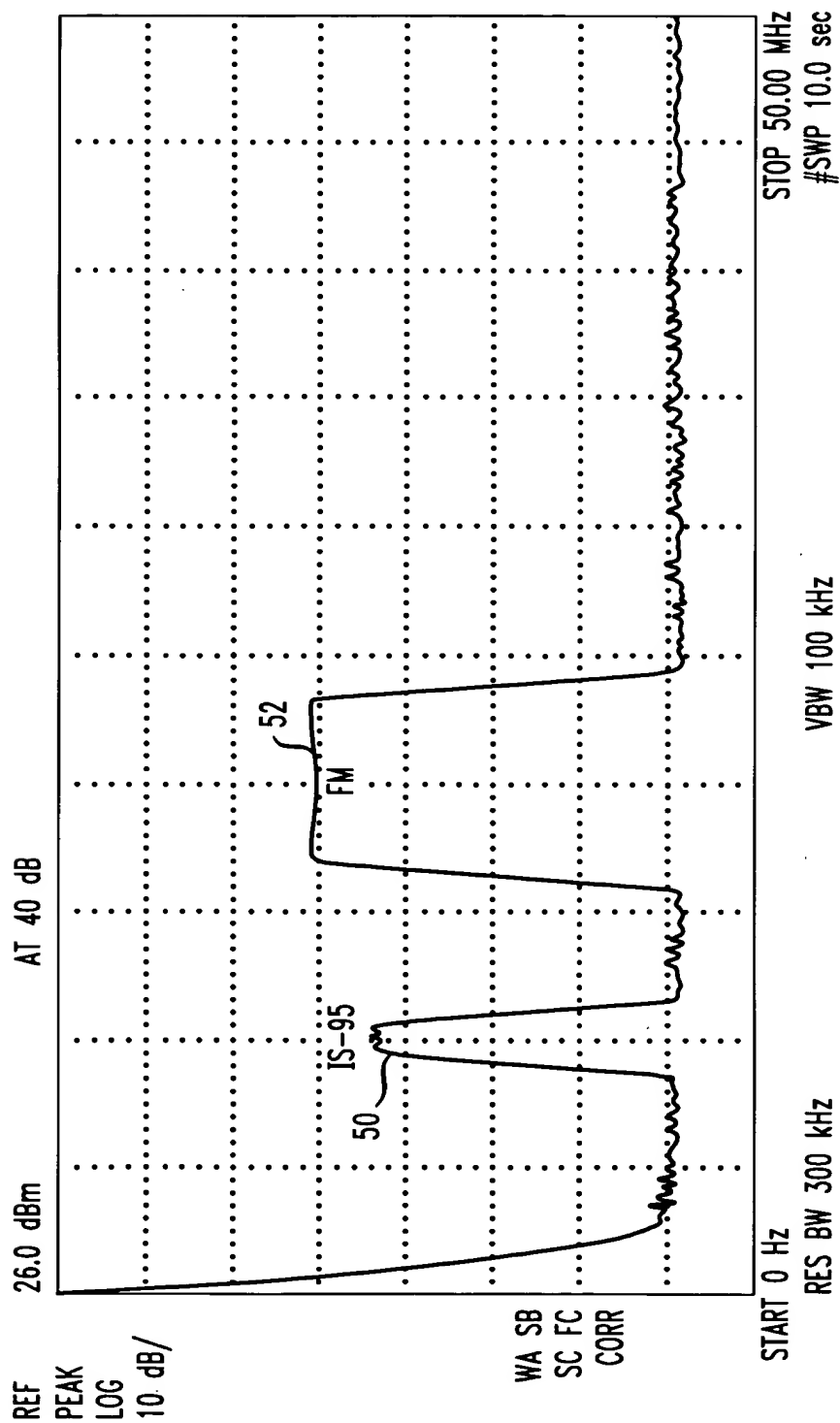
FIG. 2b

20



3/8

FIG. 3



4/10

FIG. 4

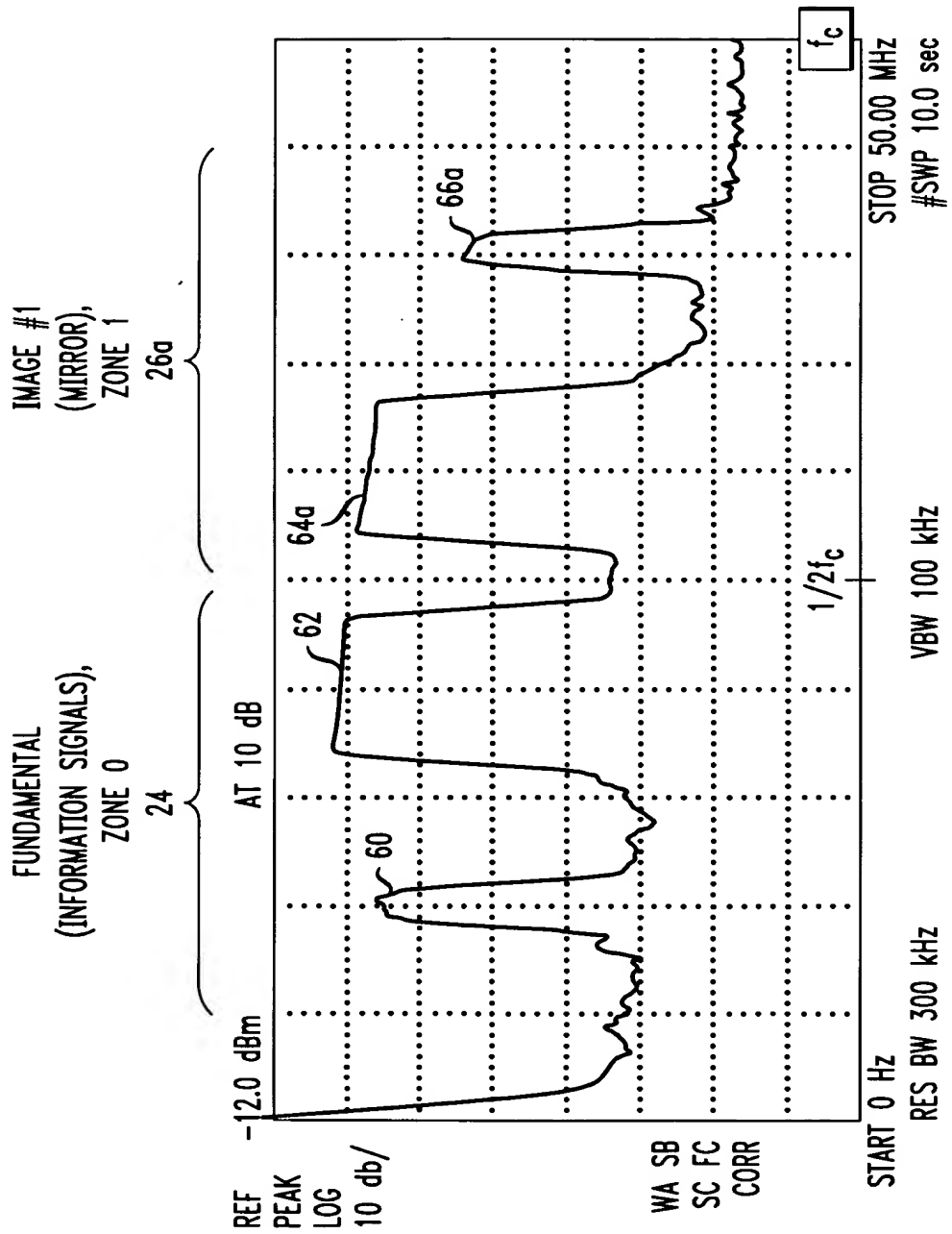
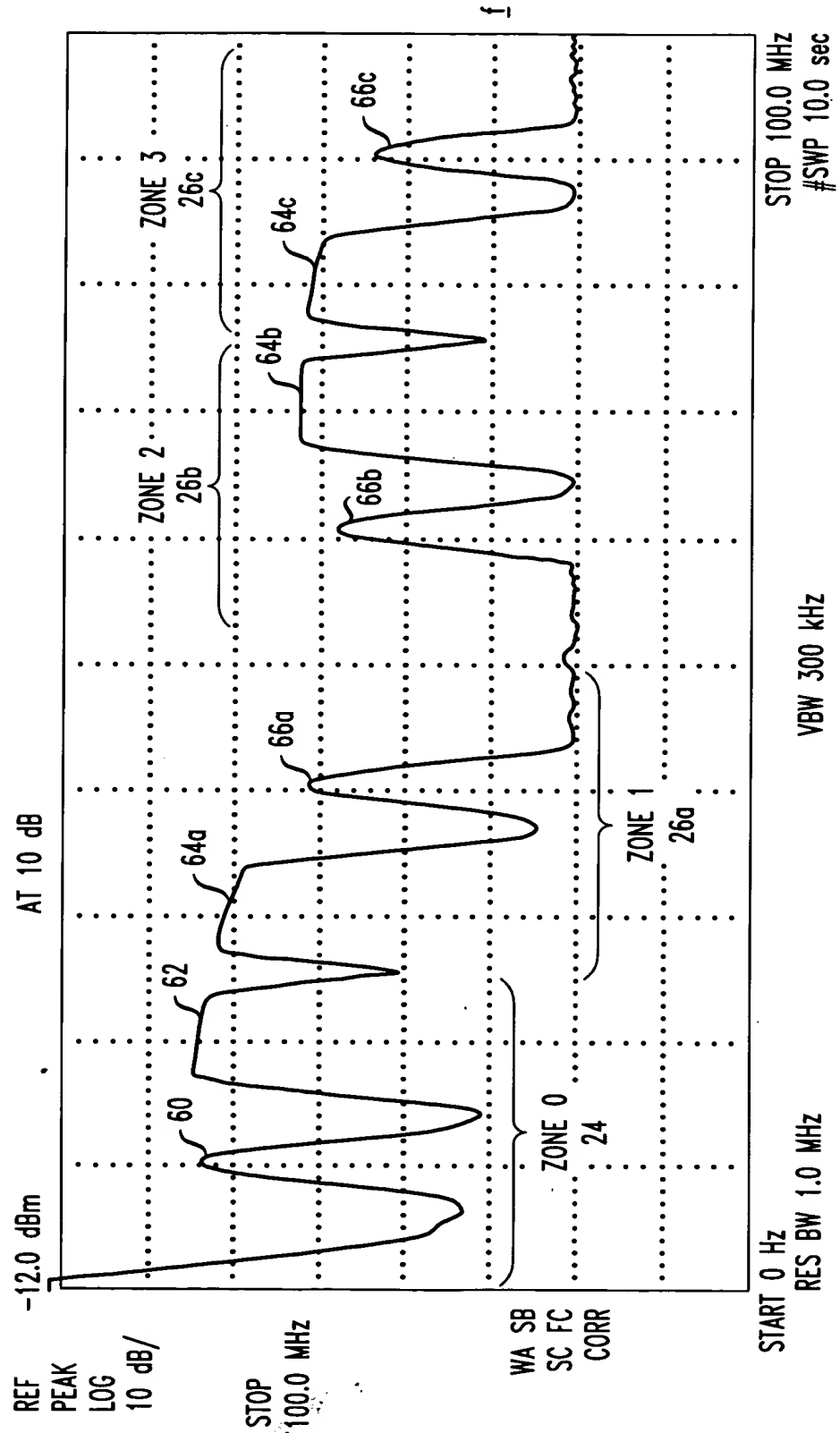


FIG. 5



6/8

FIG. 6

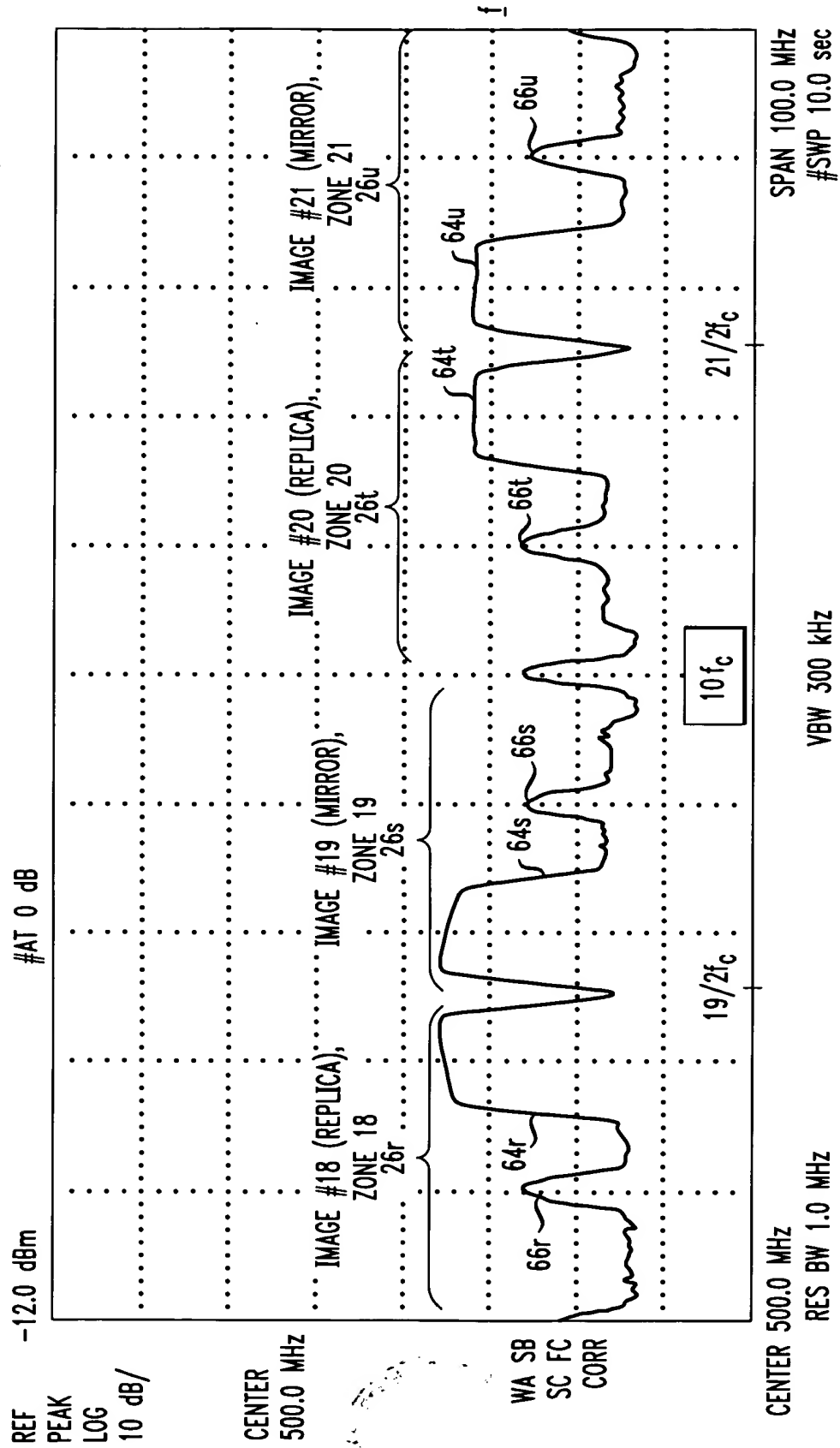


FIG. 7

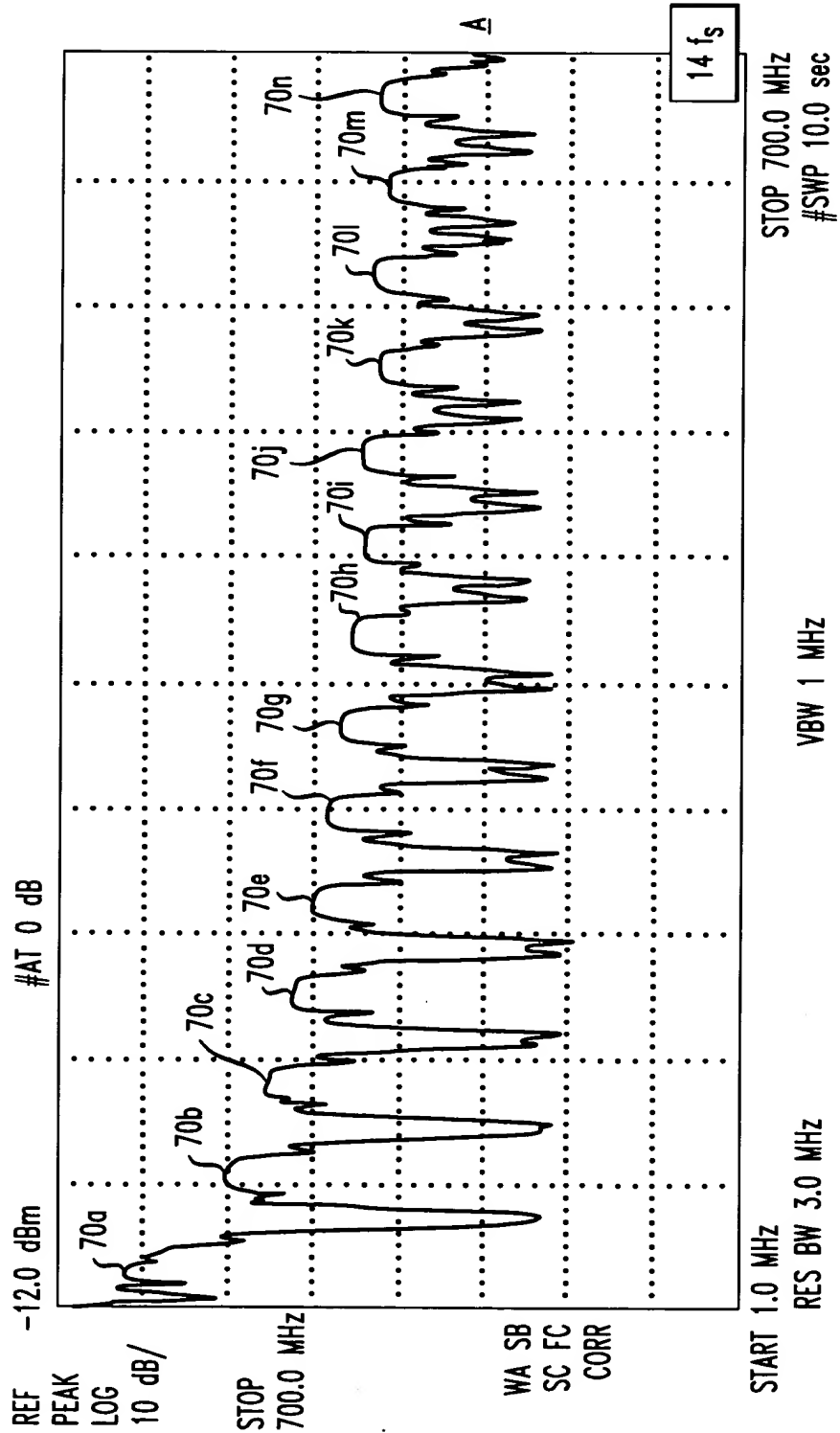




FIG. 8

